

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- MECKLENBURG COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
AaB	ABELL FINE SANDY LOAM, 1 TO 6 PERCENT SLOPES	1	ABELL	2E	1	PHEL	.28	4
AbB	ALTAVISTA FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES, RARELY FLOODED	1	ALTAVISTA	2E	1	PHEL	.24	5
ApB	APPLING FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	APPLING	2E	1	PHEL	.24	4
ApC	APPLING FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES	1	APPLING	3E	0	PHEL	.24	4
ArC	APPLING SANDY CLAY LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	1	APPLING	3E	0	PHEL	.28	3
BuA	BUNCOMBE LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	BUNCOMBE	4W	0	NHEL	.10	5
CeB	CECIL FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	CECIL	2E	1	PHEL	.28	4
CeC	CECIL FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES	1	CECIL	3E	0	PHEL	.28	4
CgC	CECIL CLAY LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	HEL	.28	3
ChA	CHEWACLA SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	CHEWACLA	3W	0	NHEL	.28	5
CoA	CONGAREE SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	CONGAREE	2W	1	NHEL	.37	5
CrA	CONGAREE-CHEWACLA COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	CONGAREE	3W	0	NHEL	.37	5
CrA	CONGAREE-CHEWACLA COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	2	CHEWACLA	4W	0	NHEL	.28	5
CuB	CULLEN CLAY LOAM, 2 TO 6 PERCENT SLOPES	1	CULLEN	2E	1	PHEL	.24	3
CuC	CULLEN CLAY LOAM, 6 TO 12 PERCENT SLOPES	1	CULLEN	3E	0	PHEL	.24	3
EnB	ENOTT LOAM, 2 TO 6 PERCENT SLOPES	1	ENOTT	2E	0	PHEL	.32	4
EnC	ENOTT LOAM, 6 TO 12 PERCENT SLOPES	1	ENOTT	3E	0	PHEL	.32	4
GeB	GEORGEVILLE SILT LOAM, 2 TO 6 PERCENT SLOPES	1	GEORGEVILLE	3E	1	PHEL	.49	4
GeC	GEORGEVILLE SILT LOAM, 6 TO 12 PERCENT SLOPES	1	GEORGEVILLE	3E	0	HEL	.49	4
GgB	GEORGEVILLE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	GEORGEVILLE	2E	0	PHEL	.49	4
GgC	GEORGEVILLE SILTY CLAY LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	1	GEORGEVILLE	3E	0	PHEL	.49	4
GoC	GOLDSTON CHANNERY SILT LOAM, 6 TO 20 PERCENT SLOPES	1	GOLDSTON	4S	0	PHEL	.15	1
GuC	GULLIED LAND, 6 TO 30 PERCENT SLOPES	1	GULLIED LAND	8E	0	HEL		
HaB	HELENA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	HELENA	2E	0	PHEL	.24	4
HbC	HELENA-WORSHAM COMPLEX, 6 TO 12 PERCENT SLOPES	1	HELENA	3E	0	PHEL	.24	4
HbC	HELENA-WORSHAM COMPLEX, 6 TO 12 PERCENT SLOPES	2	WORSHAM	4W	0	PHEL	.28	4
HeB	HERNDON SILT LOAM, 2 TO 6 PERCENT SLOPES	1	HERNDON	2E	1	PHEL	.43	5
HeC	HERNDON SILT LOAM, 6 TO 12 PERCENT SLOPES	1	HERNDON	3E	0	HEL	.43	5
HwB	HIWASSEE CLAY LOAM, 2 TO 6 PERCENT SLOPES	1	HIWASSEE	3E	1	PHEL	.28	5
IrB	IREDELL LOAM, 1 TO 6 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.32	3
IrC	IREDELL LOAM, 6 TO 12 PERCENT SLOPES	1	IREDELL	3E	0	HEL	.32	3
LoB	LOUISBURG SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	LOUISBURG	3E	0	PHEL	.24	3
LoC	LOUISBURG SANDY LOAM, 6 TO 20 PERCENT SLOPES	1	LOUISBURG	6E	0	HEL	.24	3
MdB	MASADA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MASADA	2E	1	PHEL	.32	4
MtB	MATTAPONI FINE SANDY LOAM, 1 TO 6 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.28	5
MtC	MATTAPONI FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES	1	MATTAPONI	3E	0	PHEL	.28	5
NaD	NASON SILT LOAM, 12 TO 20 PERCENT SLOPES	1	NASON	4E	0	HEL	.43	4
OaB	ORANGE SILT LOAM, 1 TO 6 PERCENT SLOPES	1	ORANGE	3E	0	PHEL	.28	3
OaC	ORANGE SILT LOAM, 6 TO 12 PERCENT SLOPES	1	ORANGE	4E	0	HEL	.28	3
PaB	PACOLET FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	PACOLET	2E	1	PHEL	.20	3
PaC	PACOLET FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES	1	PACOLET	3E	0	PHEL	.20	3
PaD	PACOLET FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES	1	PACOLET	6E	0	HEL	.20	3
PcD	PACOLET CLAY LOAM, 12 TO 20 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	7E	0	HEL	.24	2

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
TaD	TATUM SILT LOAM, 12 TO 20 PERCENT SLOPES	1	TATUM	4E	0	HEL	.37	4
TcD	TATUM SILTY CLAY LOAM, 12 TO 20 PERCENT SLOPES, SEVERELY ERODED	1	TATUM	6E	0	HEL	.32	3
ToA	TOCCOA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	TOCCOA	2W	1	NHEL	.10	4
WdD	WEDOWEE FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES	1	WEDOWEE	6E	0	HEL	.24	3
WeA	WEHADKEE SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	WEHADKEE	6W	0	NHEL	.32	5
WoB	WORSHAM FINE SANDY LOAM, 1 TO 6 PERCENT SLOPES	1	WORSHAM	4W	0	PHEL	.28	4

HEL Terms

NHEL – Not Highly Erodible Land

PHEL – Potentially Highly Erodible Land

HEL – Highly Erodible Land

Prime Farmland Codes

0 - Not prime farmland.

1 - All areas are prime farmland.

2 - Prime farmland if drained.

3 - Prime farmland if protected from flooding or not frequently flooded during the growing season.

4 - Prime farmland if irrigated.

5 - Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season.

6 - Prime farmland if irrigated and drained.

7 - Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season.

8 - Prime farmland if subsoiled, completely removed the root inhibiting soil layer.